

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Christophe BOYER et al.

Examiner: Unassigned

Serial No.: Unassigned

Group Art Unit: Unassigned

Filed: Herewith

Title: IMPROVED DEVICE FOR MIXING AND DISTRIBUTING A GAS  
PHASE AND A LIQUID PHASE SUPPLIED TO A GRANULAR BED

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to initial examination, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Abstract** begin on page 6 of this paper and include a replacement Abstract of the Disclosure on a separate sheet.

**Remarks/Arguments** begin on page 8 of this paper.